

Berulub FB 34-2

Part-No. 10000306 / 9015089

Multipurpose grease for pharmaceutical, food and animal feed industry



Product description

Berulub FB 34-2 is a high-performance universal lubricant for the supply of grease-lubricated, highly loaded machine elements in plants of the pharmaceutical, cosmetics, food and animal feed industries. The odourless and tasteless grease offers excellent corrosion and wear protection and is highly water-resistant.

Industries

- Food industry

Examples of application

- Plain and roller bearings
- Cam discs
- Guides
- Guide rollers
- Dairies
- Large slaughteries
- Canning factories
- Manufacturer of foodstuffs and deep frozen food
- Canteen kitchen
- Coffee roasters
- Beverage industry
- Kitchen manufacturer
- Manufacturer of kitchen equipment

Properties

- Neutral in smell and taste
- Excellent corrosion and wear protection
- Very good water resistance also with hot water and steam
- Good low and high temperature resistance
- Good pumpability in central lubrication systems
- Good load-carrying properties
- This lubricant does not contain any allergens according to Regulation (EU) No 1169/2011 (Food Information Regulation) and according to the Dutch ALBA allergen database
- Free from MOAH (Mineral Oil Aromatic Hydrocarbons)

Registration

- H1 registered

Certificates

- ISO 21469
- Halal
- Kosher

Characteristic data

Type	Unit	Value	Standard
Thickener		Aluminum complex soap	
Base oil		Polyalphaolefin (PAO)	
NLGI-grade		2	
Color/Appearance		cream	
Kinematic viscosity of the base oil at 40 °C	mm ² /s	approx. 400	DIN 51562/ASTM D 7042
Kinematic viscosity of the base oil at 100 °C	mm ² /s	approx. 40	DIN 51562/ASTM D 7042
Worked penetration	1/10 mm	265 – 295	DIN ISO 2137
Drop point	°C	≥ 220	IP 396

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Type	Unit	Value	Standard
Working temperature range	°C	-30 – 160	
Corrosion protection (EMCOR) distilled water	Degree of corrosion	0 and 0	DIN 51802
Water resistance	Evaluation grade	0 – 90	DIN 51807-1
Four ball weld load	N	4000	DIN 51350-4
Four ball wear scar (1000 N/60 s)	mm	≤ 1	DIN 51350-5

Instructions for use

- This lubricant is not suitable for consumption

Please read the safety data sheet prior to use to learn about precautions and safety instructions. Always comply with the applicable safety provisions and the intended use. You can request a copy of the current safety data sheet using the contact form on our website www.bechem.de/kontakt or by e-mail to bechem@bechem.de.

Other delivery forms

- Also available in NLGI-grade 1 and 00

Important notes

The information and technical data contained in this data sheet concerning the fields of application and processing for the product listed above are based on our knowledge and experience at the time of printing. Unless otherwise stated, this information is provided solely for reference and does not constitute a specification or warranty of quality in a particular instance. Many factors such as the relevant fields of application and the operating and working conditions are beyond the control of BECHEM. **For this reason, we cannot guarantee the suitability of our products for a specific purpose or application on the part of the customer. The delivery of our products and our liability are subject exclusively to our general sales and delivery conditions. These are available online at www.bechem.de/agb.html.**

Information regarding material compatibility is based on extensive laboratory testing and literature references. Due to the large number of plastics used and their raw materials as well as the complex chemical and morphological polymer structure, the indications regarding compatibility are solely a reflection of general trends.

In order to ensure that the product is used correctly for individual orders and particularly for serial production, we recommend that the supplier carries out its own trials and application tests in advance and confirms the compatibility of the product or carries out thorough laboratory tests.

Please refer to the current safety data sheet for information regarding: Hazardous material labelling, safety provisions, and regulations on storage and transport, and take any necessary precautions to protect property and persons.

Because BECHEM products are subject to continuous development, CARL BECHEM GMBH and its associated companies reserve the right to make changes to the technical data in this data sheet at any time.

Visible variations in the product color of each batch as well as changes in the color of delivered products are technically possible and even probable for some products (for instance, due to the influ-

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ence of temperature on raw materials). These processes are normal and confirmed by BECHEM raw material suppliers. They have no impact on the serviceability, service life, and quality of the products.

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For further information and more detailed product data, please contact us at: info@bechem.com or bechem@bechem.de.



High loads



Low temperatures



Resistant to water



Food grade/Pharmaceutical
technology



Good pumpability



Roller bearings



Plain bearings



Corrosion protection